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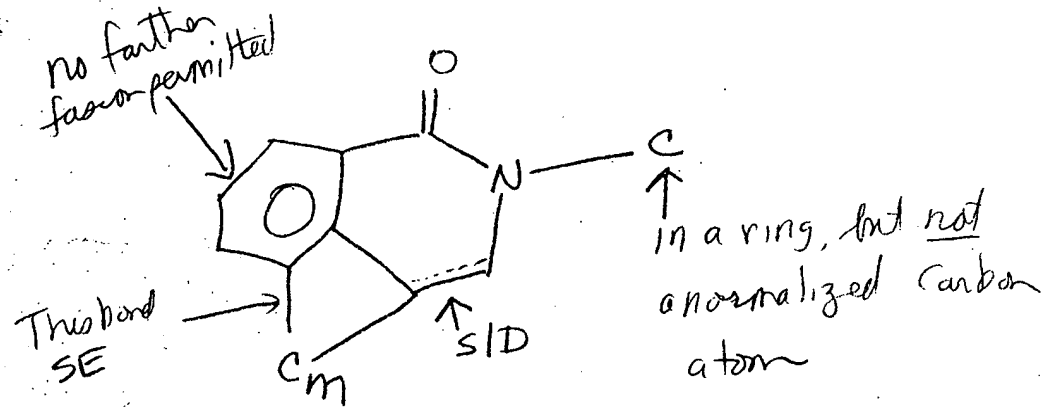
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ART UNIT 122 PHONE 4718 DATE 1/9/92

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You may include a copy of the broadest and or relevant claim(s).



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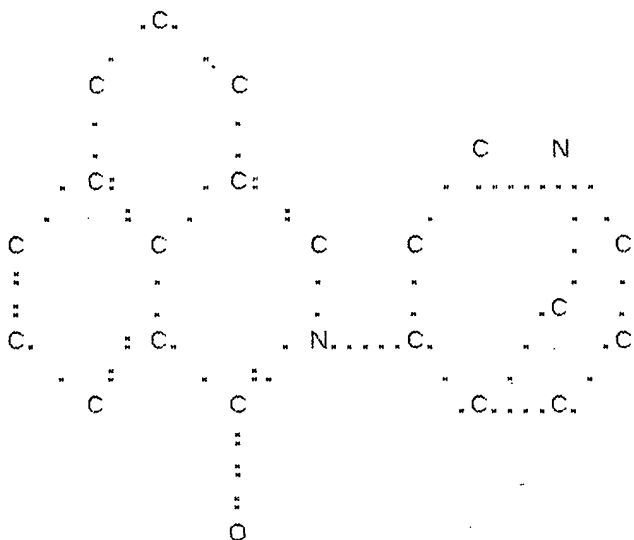






REFERENCE 1: P CA115(11):114377b

L3 ANSWER 10 OF 42 COPYRIGHT 1992 ACS  
RN 135729-71-4  
CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[3.3.1]non-4-yl)-  
2,4,5,6-tetrahydro-, monohydrochloride, endo- (9CI) (CA INDEX NAME)  
CN 1-Azabicyclo[3.3.1]nonane, 1H-benz[de]isoquinolin-1-one deriv. (9CI)  
MF C20 H24 N2 O . Cl H  
SR CA  
LC CA  
STE 2:ENDO  
CRN (135729-59-8)

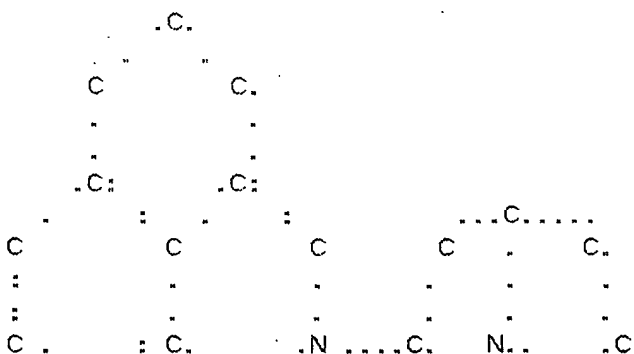


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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 11 OF 42 COPYRIGHT 1992 ACS  
RN 135729-70-3  
CN 1H-Benz[de]isoquinolin-1-one, 2,4,5,6-tetrahydro-2-(8-methyl-8-  
azabicyclo[3.2.1]oct-3-yl)-, monohydrochloride, exo- (9CI) (CA  
INDEX NAME)  
MF C20 H24 N2 O . Cl H  
SR CA  
LC CA  
STE 2:EXO  
CRN (135729-52-1)





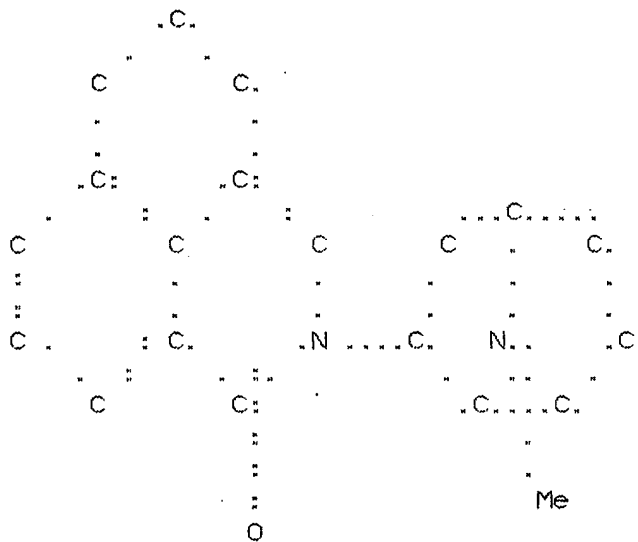
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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 12 OF 42 COPYRIGHT 1992 ACS  
RN 135729-69-0  
CN 1H-Benz[de]isoquinolin-1-one, 2,4,5,6-tetrahydro-2-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-, monohydrochloride, endo- (9CI) (CA INDEX NAME)  
MF C20 H24 N2 O . Cl H  
SR CA  
LC CA  
STE 2:ENDO  
CRN (135729-53-2)



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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 13 OF 42 COPYRIGHT 1992 ACS  
RN 135729-68-9  
CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-4-yl)-2,4,5,6-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)  
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SR CA  
LC CA  
CRN (135729-51-0)

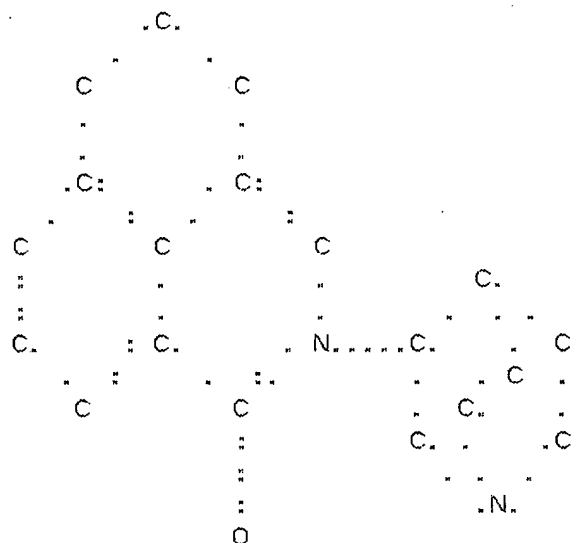


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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 15 OF 42 COPYRIGHT 1992 ACS  
RN 135729-66-7  
CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-  
2,4,5,6-tetrahydro-, monohydrochloride, (R)- (9CI) (CA INDEX NAME)  
MF C19 H22 N2 O . Cl H  
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LC CA  
STE 1:R  
CRN (135729-57-6)

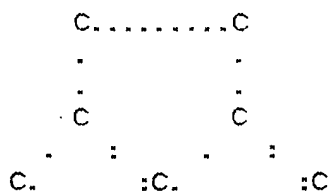


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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 16 OF 42 COPYRIGHT 1992 ACS  
RN 135729-65-6  
CN Cyclopent[de]isoquinolin-1(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-  
4,5-dihydro-, monohydrochloride, (R)- (9CI) (CA INDEX NAME)  
MF C18 H20 N2 O . Cl H  
SR CA  
LC CA  
STE 1:R



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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 17 OF 42 COPYRIGHT 1992 ACS  
RN 135729-64-5  
CN Cyclopent[de]isoquinolin-1(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-  
4,5-dihydro-, (S)- (9CI) (CA INDEX NAME)  
MF C18 H20 N2 O  
CI COM  
SR CA  
LC CA  
STE 1:S

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C      C
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1 REFERENCES IN FILE CA (1967 TO DATE)

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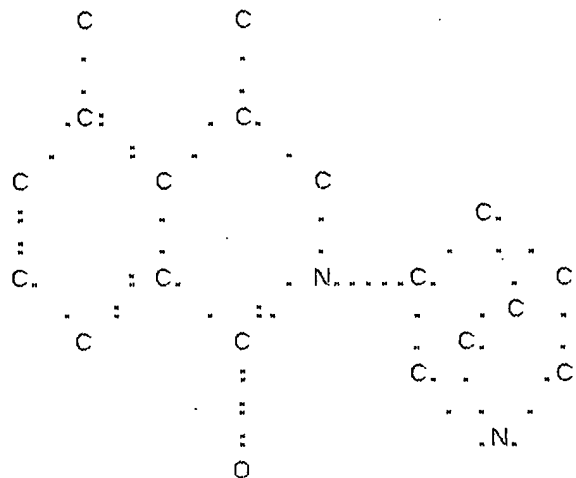
L3 ANSWER 18 OF 42 COPYRIGHT 1992 ACS  
RN 135729-63-4  
CN Cyclohept[de]isoquinolin-3(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-  
7,8,9,10-tetrahydro-, (.+-.)- (9CI) (CA INDEX NAME)  
MF C20 H24 N2 O  
CI COM  
SR CA  
LC CA  
STE 3:(+-)

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C      C
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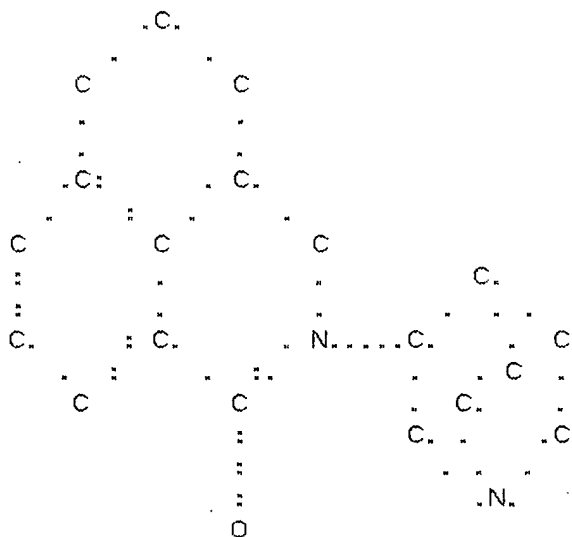




1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 21 OF 42 COPYRIGHT 1992 ACS  
 RN 135729-60-1  
 CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-  
 2,3,3a,4,5,6-hexahydro- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C19 H24 N2 O  
 CI COM  
 SR CA  
 LC CA



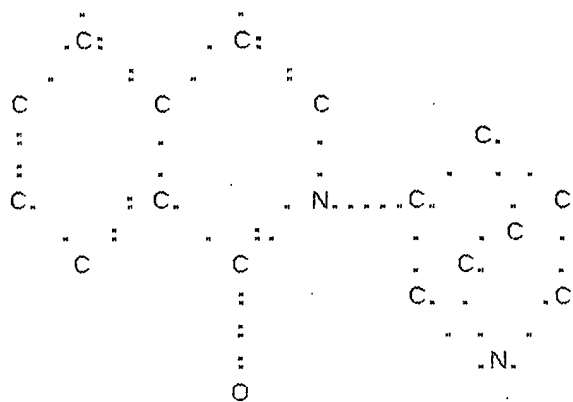
1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 22 OF 42 COPYRIGHT 1992 ACS  
 RN 135729-59-8  
 CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[3.3.1]non-4-yl)-  
 2,4,5,6-tetrahydro-, endo- (9CI) (CA INDEX NAME)  
 CN 1-Azabicyclo[3.3.1]nonane, 1H-benz[de]isoquinolin-1-one deriv. (9CI)  
 MF C20 H24 N2 O  
 CI COM  
 SR CA  
 LC CA  
 STE 2:ENDO

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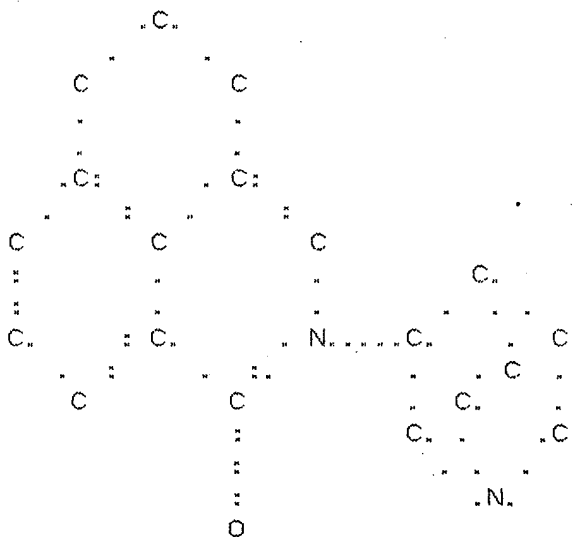




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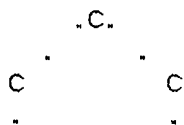
L3 ANSWER 25 OF 42 COPYRIGHT 1992 ACS  
 RN 135729-56-5  
 CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-  
 2,4,5,6-tetrahydro-, (S)- (9CI) (CA INDEX NAME)  
 MF C19 H22 N2 O  
 CI COM  
 SR CA  
 LC CA  
 STE 1:S



1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 26 OF 42 COPYRIGHT 1992 ACS  
 RN 135729-55-4  
 CN 1H-Benz[de]isoquinolin-1-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-  
 2,4,5,6-tetrahydro-, monohydrochloride, (S)- (9CI) (CA INDEX NAME)  
 MF C19 H22 N2 O . Cl H  
 SR CA  
 LC CA  
 STE 1:S  
 CRN (135729-56-5)

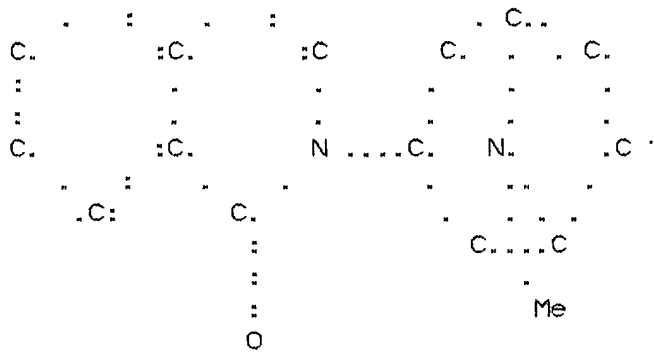








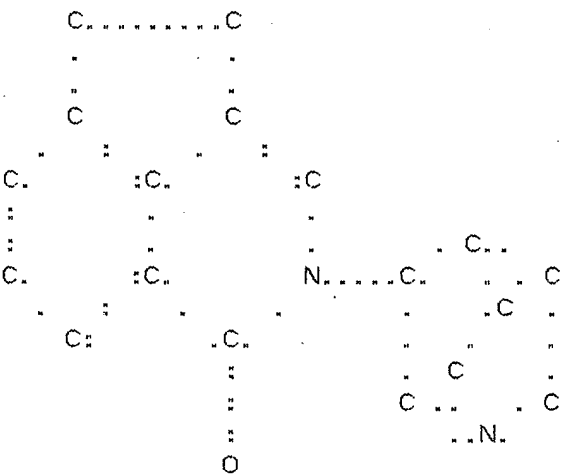




1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 33 OF 42 COPYRIGHT 1992 ACS  
 RN 135729-48-5  
 CN Cyclopent[de]isoquinolin-1(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-  
 4,5-dihydro-, monohydrochloride, (S)- (9CI) (CA INDEX NAME)  
 MF C18 H20 N2 O . Cl H  
 SR CA  
 LC CA  
 STE 1:9  
 CRN (135729-64-5)

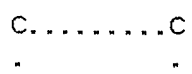


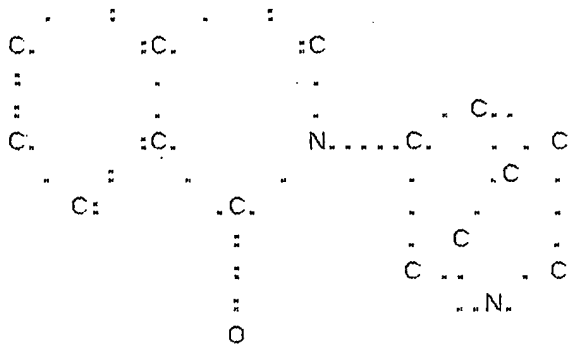
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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 34 OF 42 COPYRIGHT 1992 ACS  
 RN 135729-47-4  
 CN Cyclopent[de]isoquinolin-1(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-  
 4,5-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)  
 MF C18 H20 N2 O . Cl H  
 SR CA  
 LC CA  
 CRN (135729-46-3)



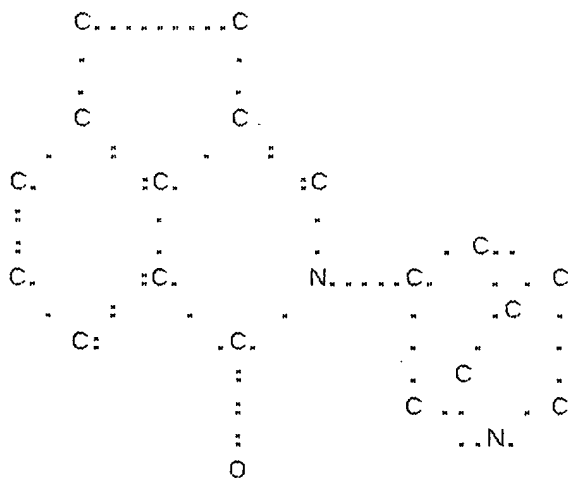


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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 35 OF 42 COPYRIGHT 1992 ACS  
 RN 135729-46-3  
 CN Cyclopent[de]isoquinolin-1(2H)-one, 2-(1-azabicyclo[2.2.2]oct-3-yl)-  
 4,5-dihydro- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C18 H20 N2 O  
 CI COM  
 SR CA  
 LC CA



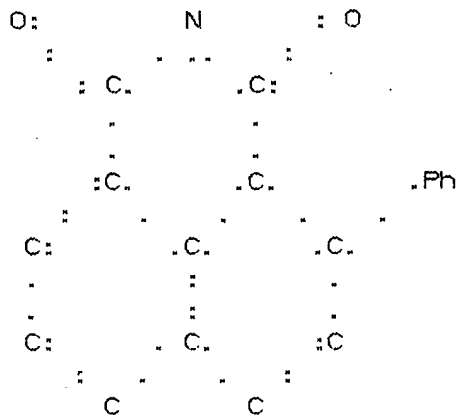
1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: P CA115(11):114377b

L3 ANSWER 36 OF 42 COPYRIGHT 1992 ACS  
 RN 79154-79-3  
 CN 1H-Benz[de]isoquinoline-1,3(2H)-dione, 3a,4-dihydro-2,4-diphenyl-  
 (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C24 H17 N O2  
 LC CA

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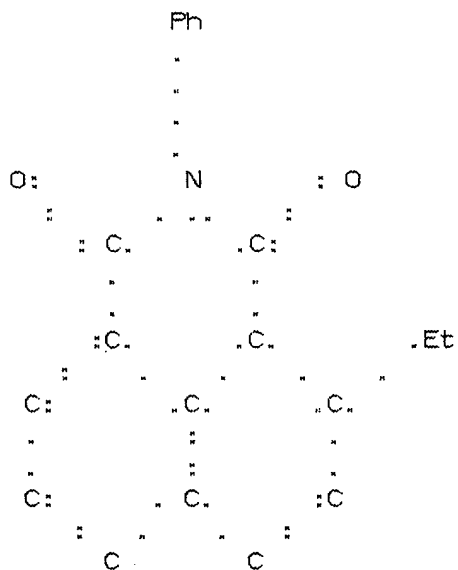
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1 REFERENCES IN FILE CA (1967 TO DATE)

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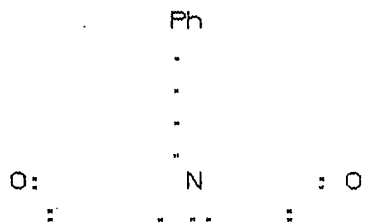
L3 ANSWER 37 OF 42 COPYRIGHT 1992 ACS  
RN 79148-59-7  
CN 1H-Benz[de]isoquinoline-1,3(2H)-dione, 4-ethyl-3a,4-dihydro-2-phenyl-  
(9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C20 H17 N O2  
LC CA

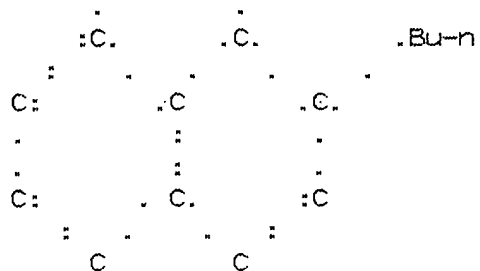


1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: CA95(17):15Q387g

L3 ANSWER 38 OF 42 COPYRIGHT 1992 ACS  
RN 79148-58-6  
CN 1H-Benz[de]isoquinoline-1,3(2H)-dione, 4-butyl-3a,4-dihydro-2-phenyl-  
(9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C22 H21 N O2  
LC CA

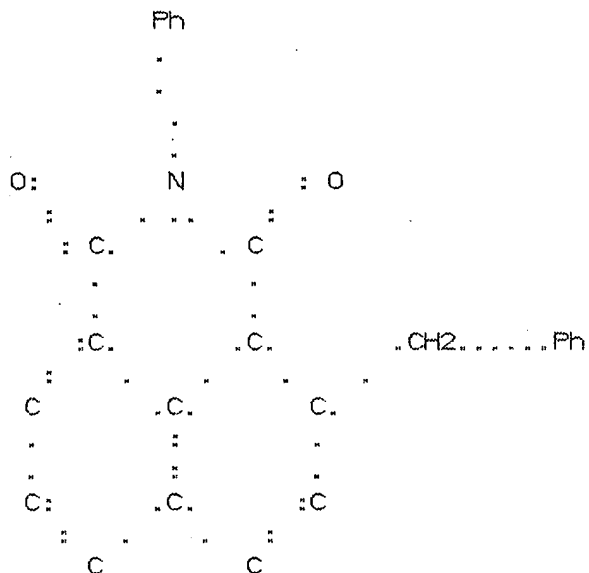




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REFERENCE 1: CA95(17):150387g

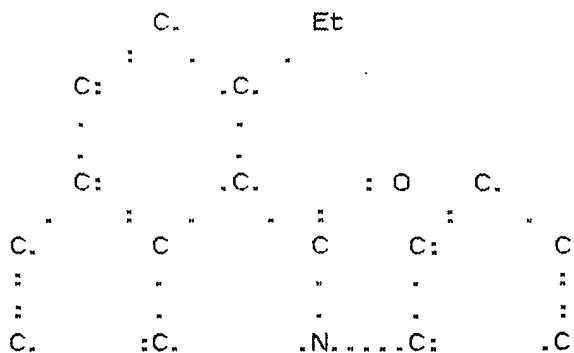
L3 ANSWER 39 OF 42 COPYRIGHT 1992 ACS  
 RN 79148-57-5  
 CN 1H-Benz[de]isoquinoline-1,3(2H)-dione, 3a,4-dihydro-2-phenyl-4-(phenylmethyl)- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C25 H19 N O2  
 LC CA



1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: CA95(17):150387g

L3 ANSWER 40 OF 42 COPYRIGHT 1992 ACS  
 RN 79148-56-4  
 CN 1H-Benz[de]isoquinoline-1,3(2H)-dione, 4-ethyl-3a,4-dihydro-2-(2-methylphenyl)- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C21 H19 N O2  
 LC CA







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1 REFERENCES IN FILE CA (1967 TO DATE)

REFERENCE 1: CA66(19):85692h

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diagrams.

L4 4 L3

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L4 ANSWER 1 OF 4 COPYRIGHT 1992 ACS  
AN CA115(11):114377b  
TI Preparation of 2-azabicycloalkyl-1H-benz[de]isoquinolin-1-ones and  
related compounds as 5-HT3 antagonists  
SO Eur. Pat. Appl., 42 pp.  
AU Berger, Jacob; Clark, Robin D.; Eglen, Richard M.; Smith, William  
L.; Weinhardt, Klaus K.  
PI EP 430190 A2 5 Jun 1991  
AI EP 90-122689 27 Nov 1990  
PY 1991  
AB Title compds. [I; R1 = halo, OH (phenyl)alkoxy, alkyl, NO2, amino,  
carbamoyl; R2 = alkyl; R3 = Q1-Q4; R4, R5 = alkyl, cycloalkyl,  
(CH2)tR6; R6 = (substituted) thienyl, pyrrolyl, furyl; n = 1-3; p =  
0-3; q = 0-2; u, x, y, z = 1-3; t = 1,2], were prepd. Thus,  
S-N-(1-azabicyclo[2.2.2]oct-3-yl)-5,6,7,8-tetrahydro-1-  
naphthalenecarboxamide (prepn. from 5,6,7,8-tetrahydro-1-  
naphthalenecarboxylic acid and S-3-amino-1-azabicyclo[2.2.2]octane  
given) in THF at -70.degree. was treated with BuLi in hexane; the  
mixt. was stirred 1 h at -10.degree., cooled to -70.degree., and  
treated with DMF followed by warming to room temp. to give  
S-2-(1-azabicyclo[2.2.2]oct-3-yl)-2,4,5,6-tetrahydro-1H-  
benz[de]isoquinolin-1-one, isolated as the hydrochloride monoethanol  
adduct (II). II i.p. in aged mice increased time spent in the  
darkened area in the Crawley-Goodwin test from 32.6% (controls) to  
75.2%.

L4 ANSWER 2 OF 4 COPYRIGHT 1992 ACS  
AN CA95(17):150387g  
TI A comparative study of the reactions of phthalides, naphthalides and  
related compounds  
SO Indian J. Chem.; Sect. B, 20B(6), 456-9  
AU El-Sharief, A. M. S.; Hammad, N. I. S.; Mohamed, Y. A.

dihydrobenz[d,e]isoquinoline-1(2H)-ones e.g. II, were prepd. from I (X = O). 2-Phenylphenalene-1,3(2H)-dione (III) on halogenation gives 2-halo-2-phenylphenalene-1,3(2H)-diones, which react with amines to give 2-arylamino-2-phenylphenalene-1,3(2H)-diones. Reaction of III with  $\text{PhMgBr}$  and  $\text{BuMgBr}$  results in the formation of 1,4-addn. products. Some reactions of the monothione IV (X = O) and dithione IV (X = S), prepd. resp. by the action of 1 and 2 mol of  $\text{P}_2\text{S}_5$  on N-substituted naphthalimides, are also described. Reaction of the naphthalimides with Grignard reagents also gives 1,4-addn. products.

L4 ANSWER 3 OF 4 COPYRIGHT 1992 ACS  
AN CA89(13):108923e  
TI New acylated 2-(4-aminophenyl)-propionic acids as potential antiinflammatory agents  
SO Eur. J. Med. Chem. - Chim. Ther., 13(2), 193-8  
AU Ruffer, C.; Bahlmann, F.; Kapp, J. F.  
PY 1978  
AB (Aminophenyl)propionic acids I [R =  $\text{G-CO}_2\text{H}$ ,  $\text{CH}_2\text{CONH-G-CO}_2\text{H}$ ,  $\text{CHMeCO}_2\text{H}$ ; X =  $\text{CH}_2$ , CO,  $\text{CH}(\text{OH})$ , S, SO,  $\text{SO}_2$ ; X1 = O,  $\text{H}_2$ ], II-IV (X1 =  $\text{H}_2$ ),  $\text{PhCONMe-G-CO}_2\text{H}$ , and  $\text{PhCH}_2\text{NAc-G-CO}_2\text{H}$ , analogs of indoprofen, were prepd. and showed no remarkable antiinflammatory activity. Redn. of imides I (R =  $\text{G-CO}_2\text{H}$ ,  $\text{G-CO}_2\text{Et}$ ,  $\text{CH}_2\text{CONH-G-CO}_2\text{Et}$ ,  $\text{CHMeCO}_2\text{H}$ ; X = CO, X1 =  $\text{H}_2$ ), II, and III (X1 = O) using Zn-Pd/C and heating 1 h at 100.degree. gave lactams I-III (X1 =  $\text{H}_2$ ).

L4 ANSWER 4 OF 4 COPYRIGHT 1992 ACS  
AN CA66(19):85692n  
TI Dimerization of 2-substituted-4-phenacylidenehomophthalimides  
SO J. Chem. Soc. C, (5), 323-6  
AU Bailey, Arthur Sydney; Ledger, A. P.; Perkins, N. R. D.  
PY 1967  
AB Unavailable

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FILE LAST UPDATED: 3 AUG 91 (910803/ED)

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FILE 'REGISTRY' ENTERED AT 16:37:00 ON 09 JAN 92  
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STRUCTURE FILE UPDATES: HIGHEST RN 138207-46-2  
DICTIONARY FILE UPDATES: 5 JAN 92 (920105/ED) HIGHEST RN 138180-39-9

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REP G1=(1-5) C

NODE ATTRIBUTES:

NSPEC IS R AT 12

GRAPH ATTRIBUTES:

RSPEC 1

NUMBER OF NODES IS 13

L3 42 SEA SSS FUL L1

100.0% PROCESSED 2497 ITERATIONS

42 ANSWERS

SEARCH TIME: 00.01.05

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